

WO 2005/014181 A1

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
17 February 2005 (17.02.2005)

PCT

(10) International Publication Number
WO 2005/014181 A1

(51) International Patent Classification⁷:

B05C 5/02

(21) International Application Number:

PCT/EP2004/007972

(22) International Filing Date: 16 July 2004 (16.07.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

103 33 121.2 21 July 2003 (21.07.2003) DE

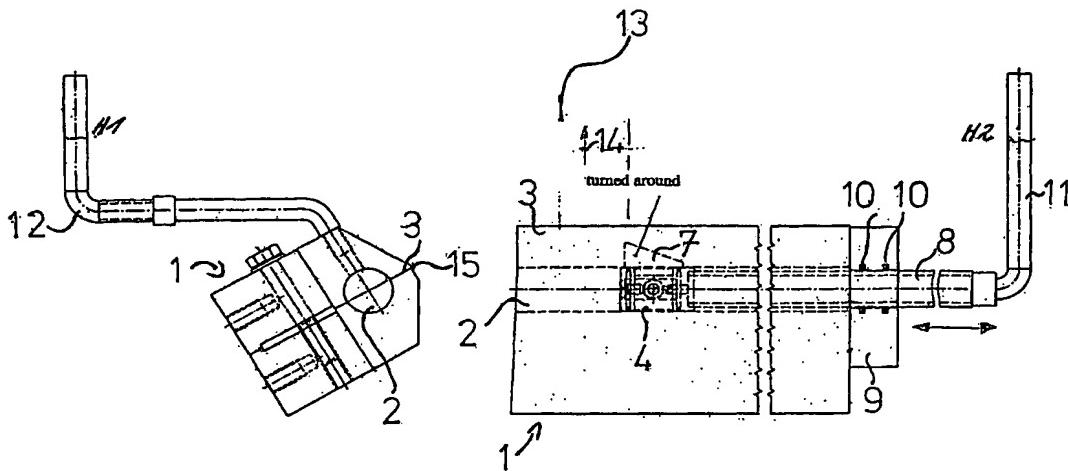
(71) Applicant (for all designated States except US): **KODAK POLYCHROME GRAPHICS GMBH** (DE/DE); An der Bahn 80, 37520 Osterode (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **RUDOLPH, Heinrich** [DE/DE]; Bertold-Brecht-Weg 1, 37197 Hattorf, Osterode (DE). **HEINEMANN, Jörg** [DE/DE]; Am Breiten Busch 28A, 37520 Osterode (DE).

(74) Agent: **VOSSIUS & PARTNER**; Siebertstr. 4, 81675 München (DE).

(54) Title: DEVICE AND METHOD FOR COATING MATERIAL



(57) Abstract: The present invention relates to a device and a method for coating preferably webs or strip-like material and in particular to a method and a device for adapting the coating width of such devices. In particular, the present invention moreover relates to the field of liquid coatings by means of slot coating systems. The present invention provides a device and a method in which the coating width is adaptable via limiting means that are movable relative to each other. According to an additional or further preferred embodiment of the invention, the coating width is limited by means of a confining fluid. Preferably, a continuous material web is simulated by means of the confining fluid in the edge area.